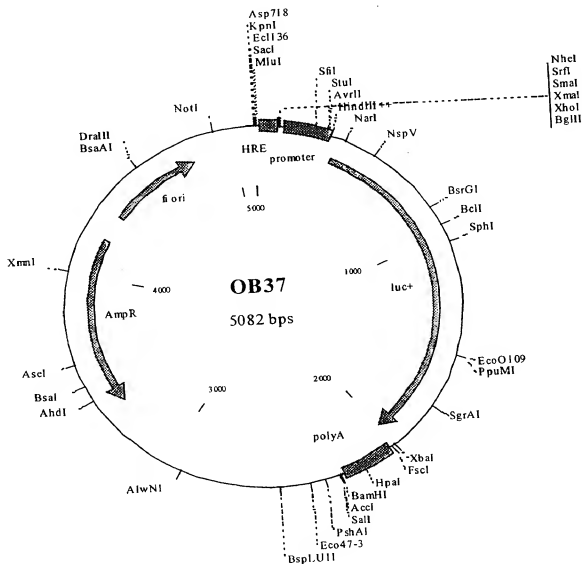


Figure 1

1/30



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2/30

Figure 2a

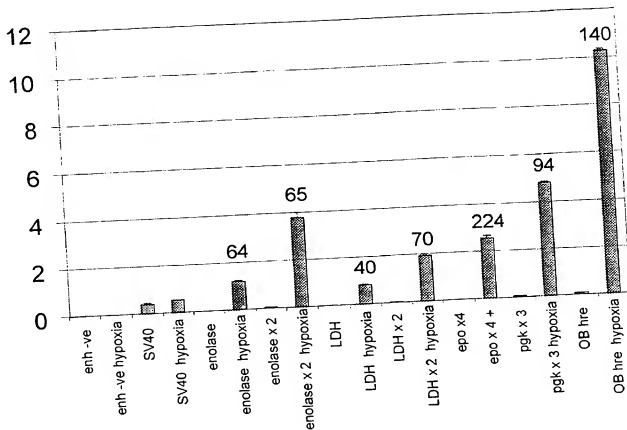


Figure 2b

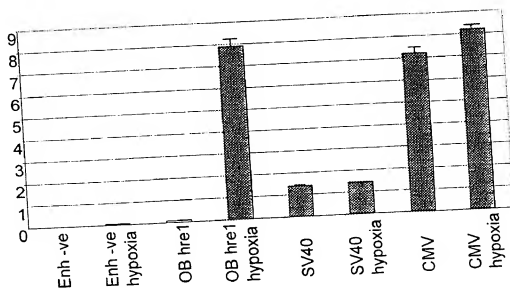


Figure 3

3/30

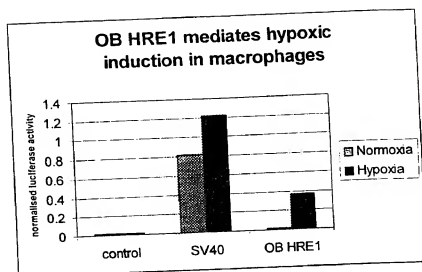


Figure 4

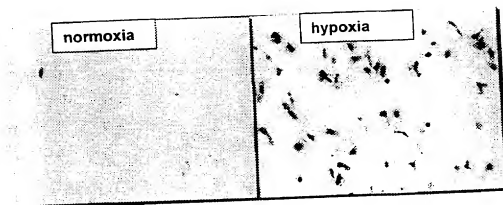
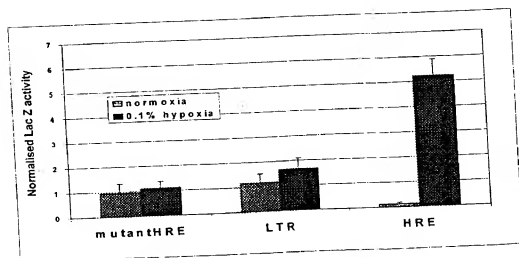


Figure 5



4/30

Figure 6

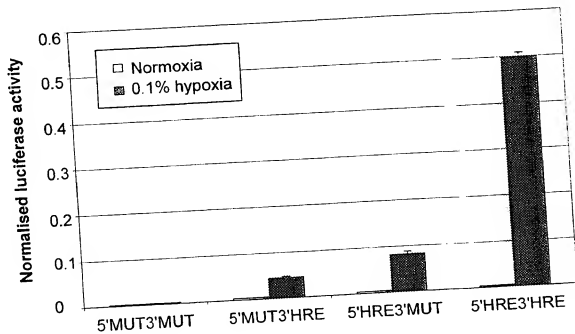
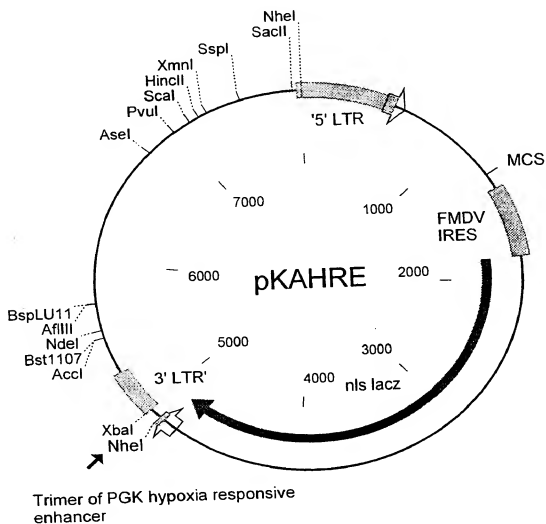


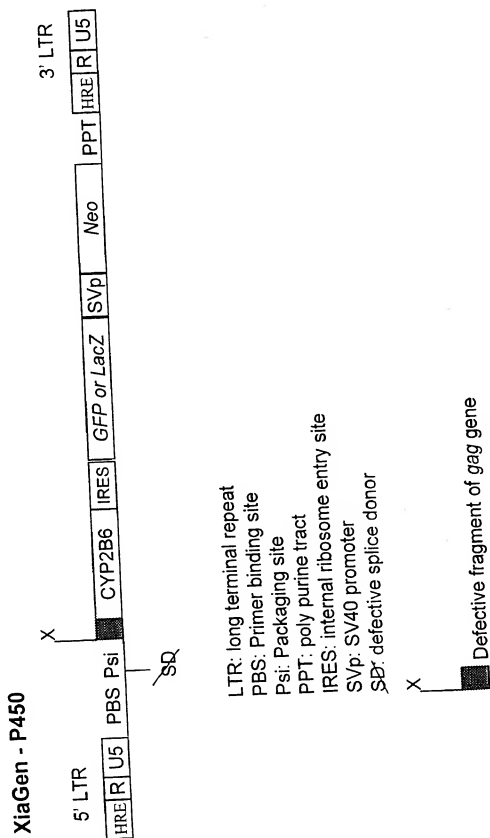
Figure 7

5/30



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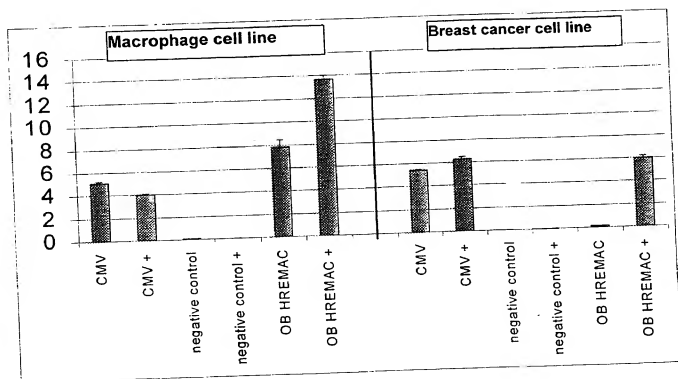
Figure 8



109020 2556860

Figure 9

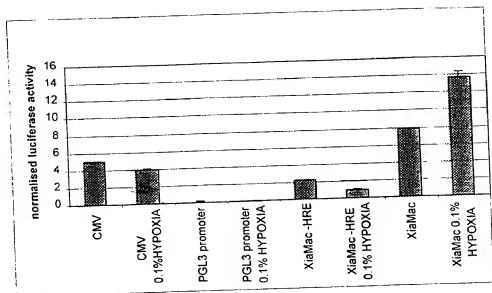
7/30



09/787562-070604

Figure 10

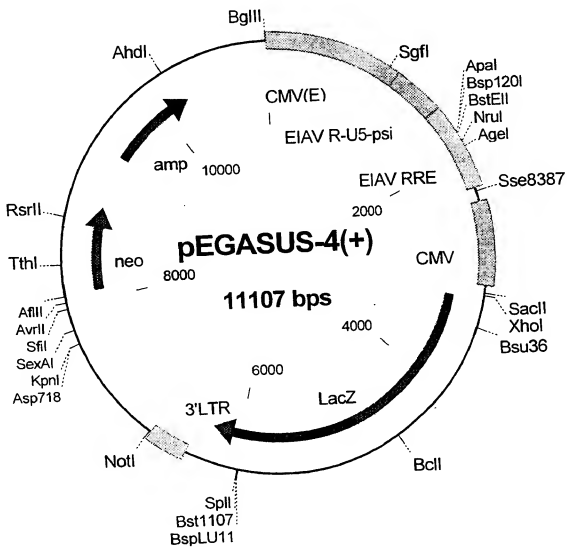
8/30



09787562-070604

Figure 11a

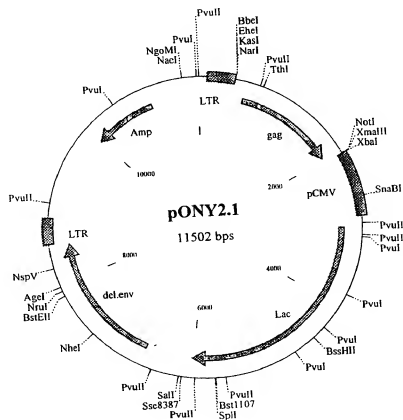
9/30



09787562.070601

Figure 11b

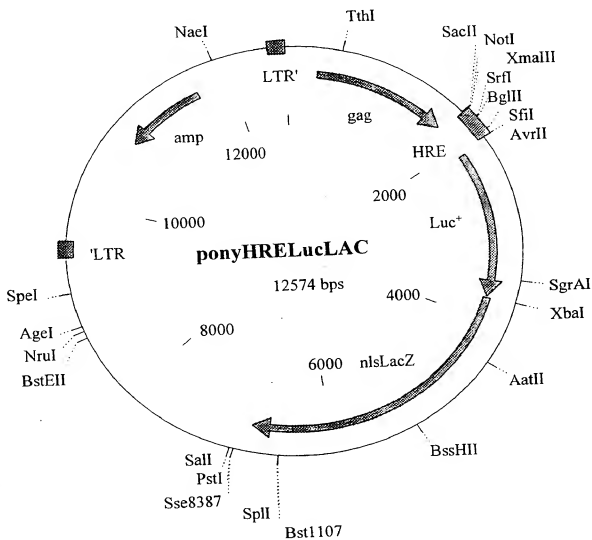
10/30



09787562-070601

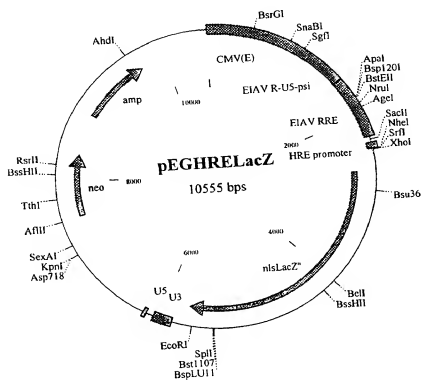
11/30

Figure 11c



12/30

Figure 11d



09787562.070604

Figure 12

13/30

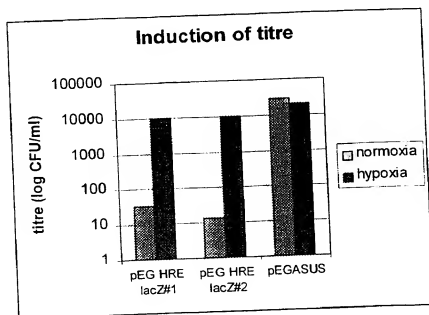


Figure 13

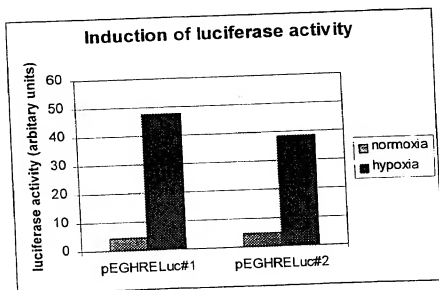


Figure 14

ST3

GACATGTATACCCCGTACGTCTTCCCGAG

ST4

GTCGTGCAGGACGTGACATCTAGTGTCGTGCAGGACGTGACATCTAGTGTCG
GCAGGACGTGACACTTTTACTCTTATAATCATTTATAAACCCCTC

ST5

TGTCACGTCCTGCACGACACTAGATGTCACGTCCTGCACGACACTAGATGTCA
CGTCCTGCACGACTGGTGACGCGTTAACTTCCTGTTTTACAGTATATAAGTGC
TTGTATT

ST6

CTAAAGGGAAGCGCCGCTCTAGAACTAGTCTG

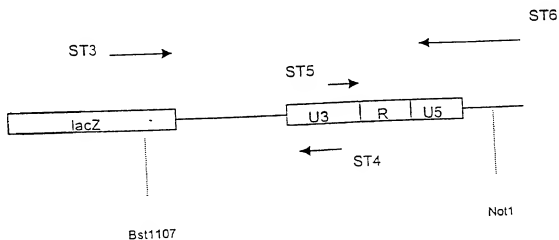


Figure 15

Hypoxia responsive EIAV vector configured as a single transcription unit

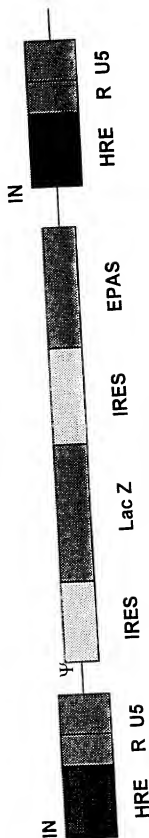


15/30

- IN = Site for integration via the EIAV integrase
- HRE = Hypoxia response element
- IRES = Internal ribosome entry site
- R = Repeat required for reverse transcription
- U5 = Part of the EIAV LTR
- ψ = Packaging site

Figure 16

Hypoxia responsive Autoregulated EIAV vector configured as a single transcription unit



16/30

IN = Site for integration via the EIAV integrase
HRE = Hypoxia response element
IRES = Internal ribosome entry site
R = Repeat required for reverse transcription
U5 = Part of the EIAV LTR
Ψ = Packaging site
E-PAS = Endothelial PAS gene

17 / 30

Figure 17

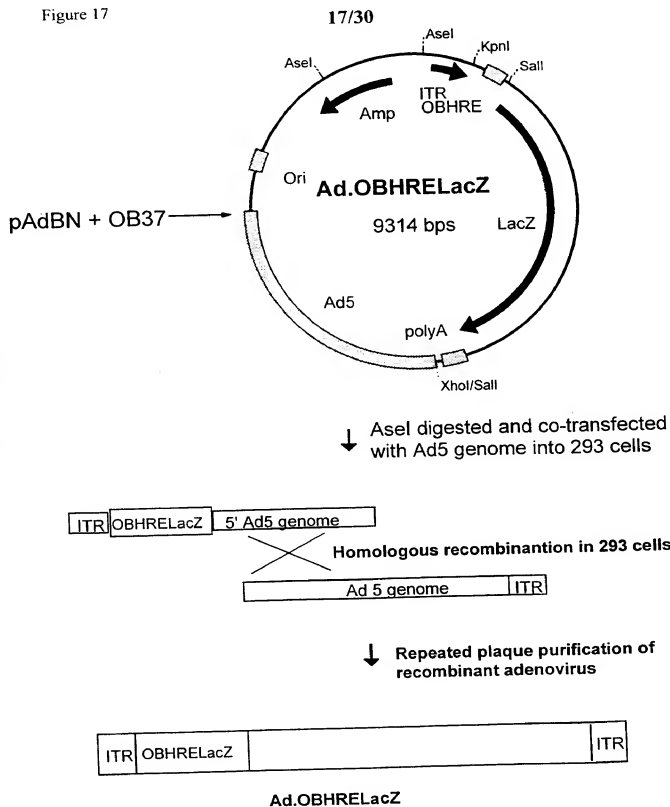
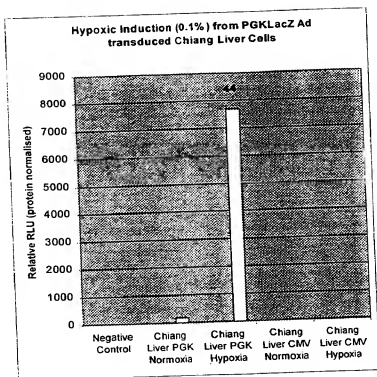


Figure 18

18/30



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WO 00/17371

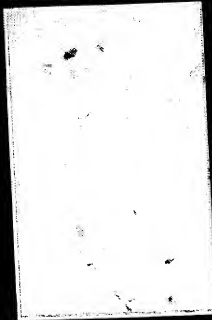
19 / 30

09/787562
PCT/GB99/03181

Hypoxic regulation of lacZ in primary human
macrophages transduced with OB HRE1 Adenovirus



hypoxia



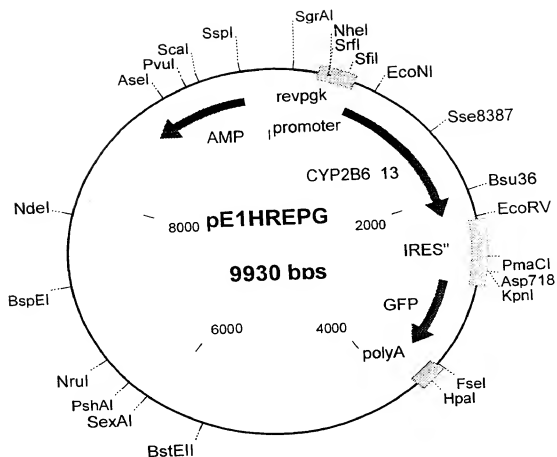
normoxia

bioMedCentral

Figure 19

Figure 20a

20/30



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Figure 20b

21/30

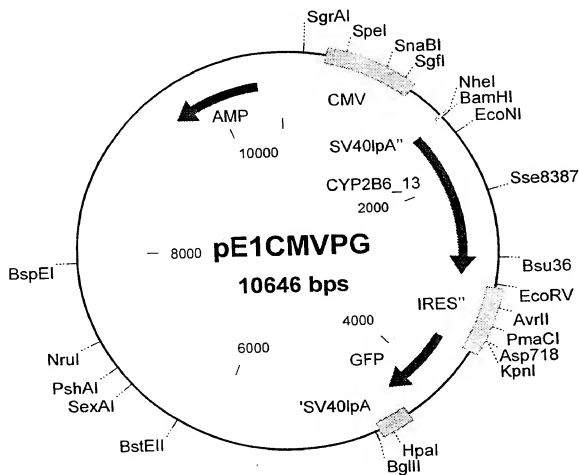
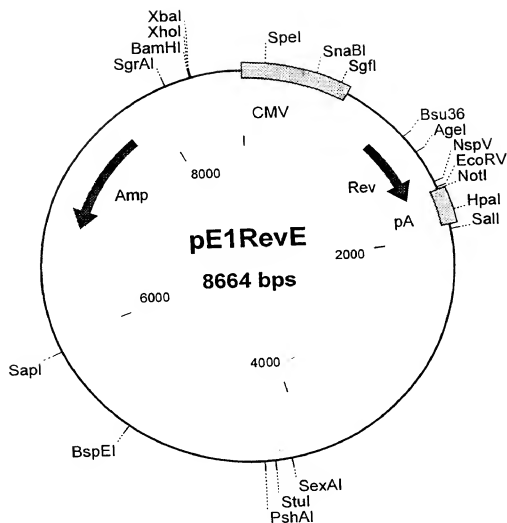


Figure 21

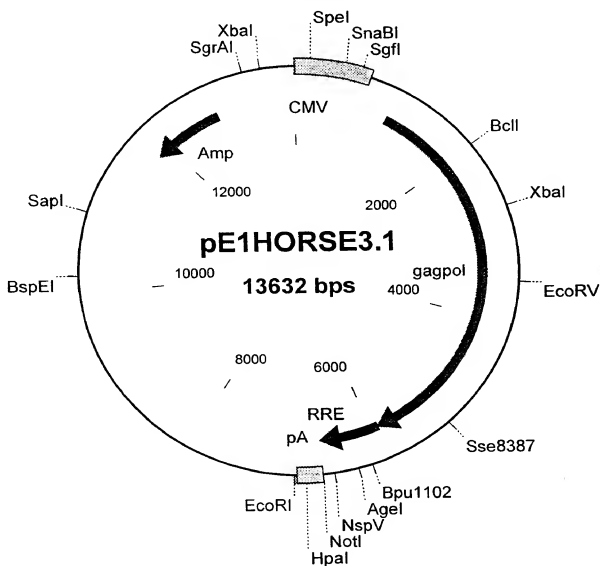
22/30



09787562-070601

Figure 22

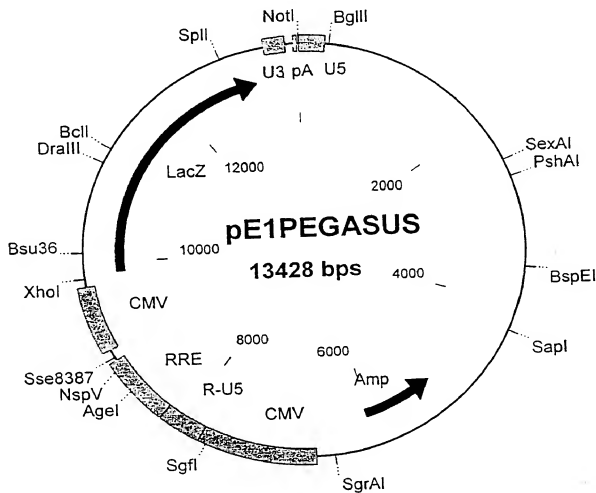
23/30



09/787562-070601

Figure 23

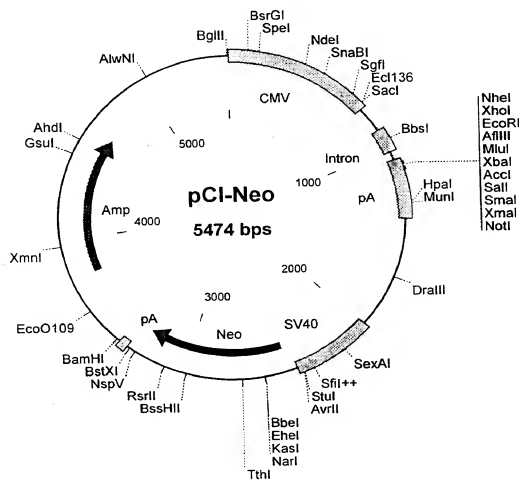
24/30



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Figure 24

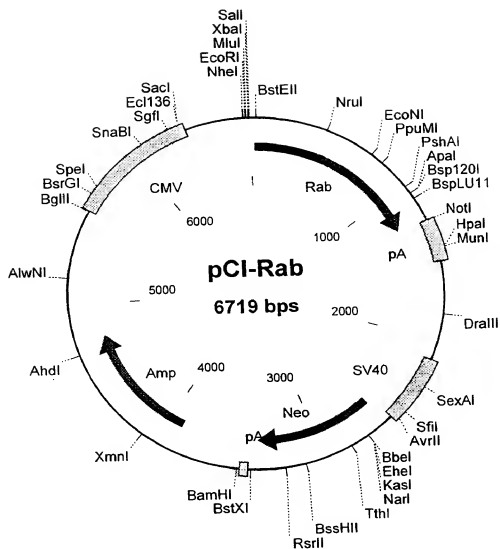
25/30



09/787562-070601

Figure 25

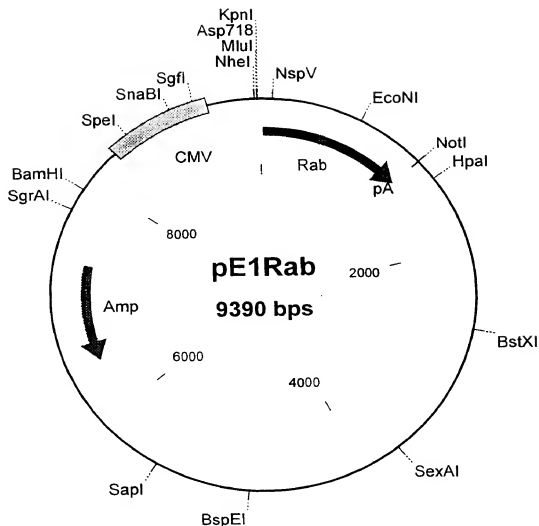
26/30



00787562-070501

Figure 26

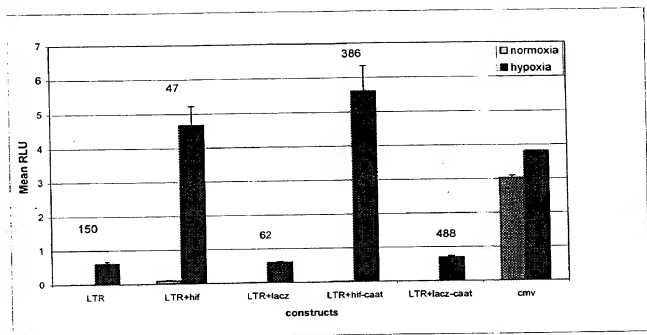
27/30



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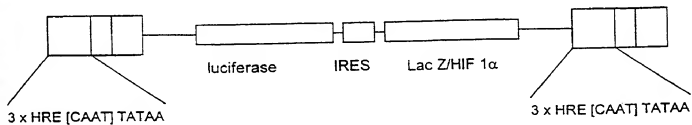
28/30

Figure 27



29/30

Figure 28



30/30

Figure 29

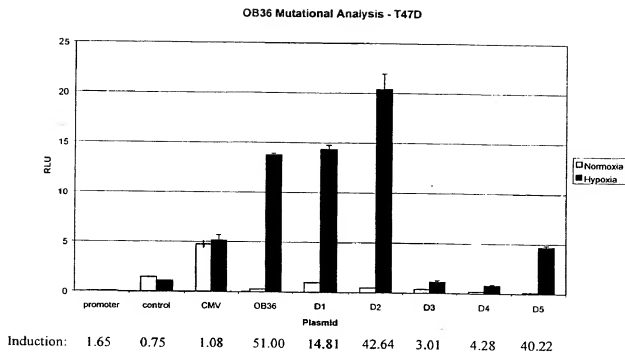


Figure 30

